It's Just a Wiki by Carrots
P00: Half-Quick
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Program Components:
  A. Flask App (Python)
      - Connects to SQLite3 database
      - Handle account creation, login/logout
      - Displays different pages (user profile, home, wiki pages)
      - Routes + Redirect between pages
      - Function for editing a page or content (database?)
  B. Templates (HTML templates for each page w/ Jinja2)
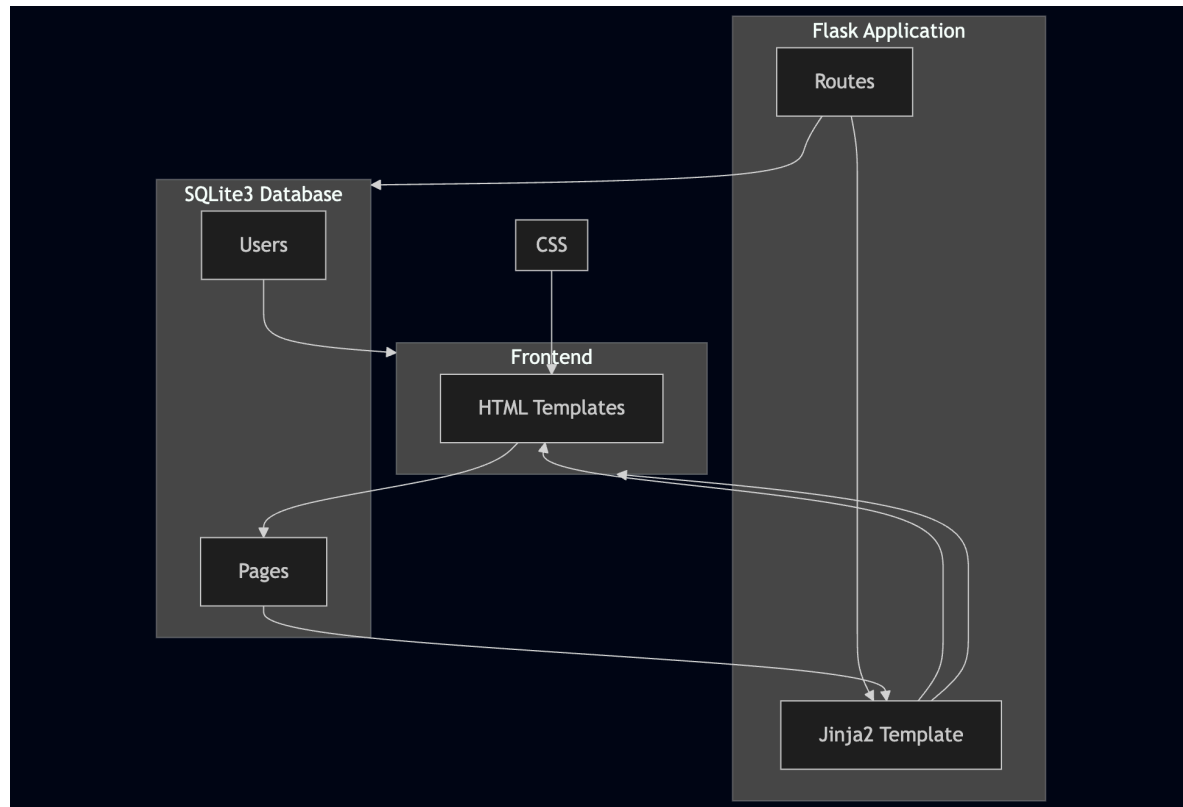   - Landing page (homepage showing some wiki pages + link to login/register page)
      - Login & Register page (handles authentication, include a logout redirect)
      - Page template (displays w/ link to all the wiki pages)
      - General template for wiki page (includes page content, edit button for logged-in users, and unique page IDs)
      - Create page (submission form for new pages)
      - Profile page (displays user info and list of pages created or edited)
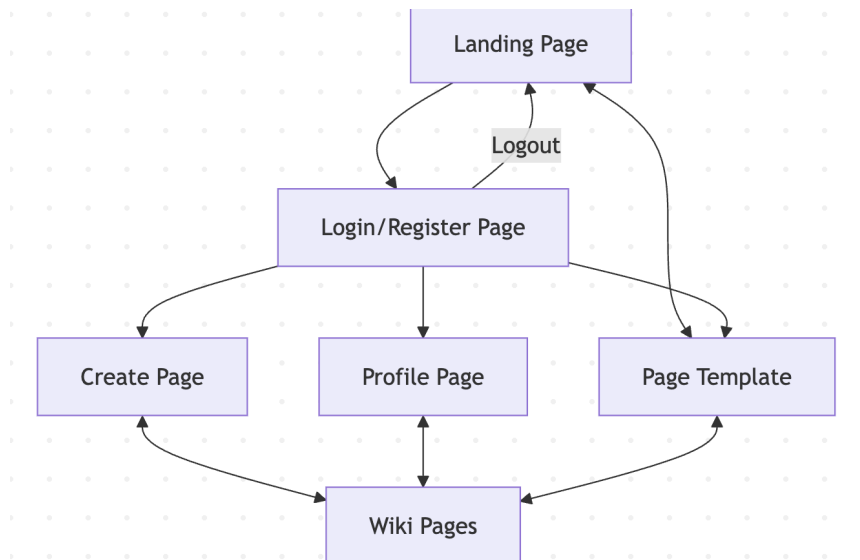 C. Database (SQLite3)
      - Users (user_id, name, bio, password, list of page_ids)
      - Pages (page_id, user_id, title, content)
  D. Optional CSS

Component Map:

UML Diagram:

Database Organization:

USERS

int	user_id	PK
string	name	
string	bio	
string	password	
int[]	list of page_ids	

PAGES

int	page_id	PK
int	user_id	
string	title	
string	content	

Tasks:
- Project Setup (Mottaqi)
  - Create main flask project and manage repo
- Database Design (Jason)
  - Make SQlite tables for users and pages
  - Connect database and use queries
- Authentication (Yuhang)
  - Add login, registration, and logout functionality using sessions
- Wiki Page Functionality (Thomas)
  - Build routes for viewing, creating, and editing pages
- Templates and Frontend (Jason)
  - Create HTML templates for home, login, create, and profile pages
- Profile Page (Yuhang)
  - Display user info and list of created/edited pages
- Optional styling using CSS (Thomas)
  - Add simple custom CSS for better appearance and readability without removing basic HTML functionality